

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/943,925 Confirmation No. 2226  
Applicant (s) : Robert J. Donald et al  
Filed : August 31, 2001  
TC/A.U. : 1711  
Examiner : Jeffrey Mullis  
Title : COMPOSITIONS COMPRISING HYDROGENATED BLOCK  
COPOLYMERS AND END-USE APPLICATIONS THEREOF  
  
Docket No. : 44653A  
Customer No. : 00109

CERTIFICATION OF FACSIMILE TRANSMISSION
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE U.S. PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW:
September 16, 2003
DATE OF DEPOSIT
Stephanie S. Potts
PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

SIGNATURE OF PERSON SIGNING CERTIFICATE
September 16, 2003
DATE OF SIGNATURE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

TERMINAL DISCLAIMER

The undersigned registered patent attorney or agent states that:

- (1) The undersigned is an attorney or agent of record in Application Serial No. 09/943,925, filed on August 31, 2001, for "COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS THEREOF" (the Present Application).
- (2) The undersigned has reviewed the evidentiary assignment documents and, to his best knowledge and belief, Dow Global Technologies Inc., a Delaware corporation, is the sole and common assignee of the following patent properties:

44,653A

1

Appl. No. 09/943,925

Terminal Disclaimer dated September 12, 2003

Reply to Office Action of June 11, 2003

(a) The Present Application:

☐ The original documents are recorded at reel \_\_\_\_\_, frame \_\_\_\_\_.

☒ The original documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

(b) U.S. Patent No. 6,350,820:

☒ The original documents are recorded at reel 12269, frame 0001 and 0165.

☒ The original documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

(c) U.S. Patent No. 6,426,390:

☒ The original documents are recorded at reel 12996 and 12997, frame 0903 and 0773.

☐ The original documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

(d) U.S. Patent No. 6,376,621:

☒ The original documents are recorded at reel 12571, frame 0139.

☒ The original documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

- (3) On behalf of the assignee, the undersigned disclaims the terminal part of any patent granted on the Present Application which would extend beyond the full statutory term of U.S. Patent Nos. 6,350,820, 6,426,390, and 6,376,621 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent Nos. 6,350,820, 6,426,390, and 6,376,621. This agreement runs with any patent granted on the Present Application and is binding upon the grantee, its successors or assigns.

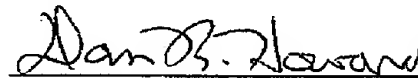
Appin. No. 09/943,925

Terminal Disclaimer dated September 12, 2003

Reply to Office Action of June 11, 2003

- (4) The undersigned does not disclaim any terminal part of any patent granted on the Present Application prior to the expiration date of the full statutory term of U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 in the event that U.S. Patent Nos. 6,350,820, 6426,390, and 6,376,621 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, or otherwise expires or is terminated prior to the expiration of its full statutory term, except for the separation of legal title stated above.
- (5) Please charge \$110.00 to our Deposit Account No. 04-1512. If this estimate is incorrect, please charge or credit our account accordingly. Two duplicate copies of this sheet are enclosed.

Respectfully submitted,



Dan R. Howard  
Registration No. 30,070  
Phone: 989-636-7494

P. O. Box 1967  
Midland, MI 48641-1967

DRH/ssp

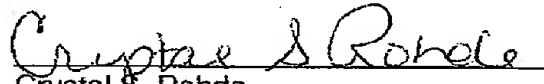
FORM PTO-1595 Rev. 08/28/92		RECORDATION FORM COVER SHEET <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA			2. Name and address of receiving party(ies): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA		
<input type="checkbox"/> Additional name(s) of conveying party(ies) is attached.			<input type="checkbox"/> Additional name(s) & address(es) are attached.		
3. Nature of conveyance: x Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____  Execution Date(s) September 12, 2003  <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name					
4. Application Number(s) or Patent Number(s):  09/943,925 August 31, 2001  If this document is being filed together with a new application, the execution date of the application is:  <input type="checkbox"/> Additional Application Number(s) or Patent Number(s) are attached.					
5. Name and address of party to whom correspondence concerning document should be mailed:  The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America			6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Please deduct the above fee from our Deposit Account  8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.		
DO NOT USE THIS SPACE					

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: September 15, 2003

44,653A US

  
Crystal S. Rohde  
Office Professional  
(989) 636-1954

Total number of pages including attachments: 5







DOW CASE NO. 44,653A

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USAthis 15<sup>th</sup> day of September 2003

Crystal S. Rohde  
Crystal S. Rohde  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 15<sup>th</sup> day of September 2003, personally appeared before me,**Crystal S. Rohde**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL  
AD

Abby Doyle  
Notary Public

Abby Doyle  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005



FORM PTO-1595 Rev. 08/28/92		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
RECORDATION FORM COVER SHEET <b>PATENTS ONLY</b>			
Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Robert J. Donald Jerry L. Hahnfeld Gary D. Parsons Stephen F. Hahn		2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA	
<input type="checkbox"/> Additional name(s) of conveying party(ies) is attached.		<input type="checkbox"/> Additional name(s) & address(es) are attached.	
3. Nature of conveyance: x Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____  Execution Date(s) October 12, 18, 25, November 6, 15, 26, December 3, 2001 Effective as of August 31, 2001  <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name			
3. Application Number(s) or Patent Number(s):  09/943,925 August 31, 2001  If this document is being filed together with a new application, the execution date of the application is:  <input type="checkbox"/> Additional Application Number(s) or Patent Number(s) are attached.			
5. Name and address of party to whom correspondence concerning document should be mailed:  The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Please deduct the above fee from our Deposit Account  8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.	
DO NOT USE THIS SPACE			

9. Statement and signature:  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Dated: September 15, 2003

44,653A US

*Crystal S. Rohde*  
Crystal S. Rohde  
Office Professional  
(989) 636-1954

Total number of pages including attachments: 10

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

FORM 110 (R 5/97)

Docket Ref. 44653A css

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

### COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS THEREOF

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

**THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
United States of America

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A.  
(hereinafter referred to as the "Assignee");

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

Application No. 09/943,925

Filing Date August 31, 2001

in country the United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

Application No. \_\_\_\_\_

Filing Date \_\_\_\_\_

in country \_\_\_\_\_

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: MIDLAND, MICHIGAN 48674 USA  
this 11th day of November 2001  
Effective as of August 31, 2001  
Signature: [Signature]  
Full Name: Robert J. Donald  
Residence: 5503 Winchester Court  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: MIDLAND, MICHIGAN 48674 USA  
this 15th day of October 2001  
Effective as of August 31, 2001  
Signature: [Signature]  
Full Name: Jeffery L. Hahnfeld  
Residence: 920 Scenic Drive  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: MIDLAND, MICHIGAN 48674 USA  
this 10th day of November 2001  
Effective as of August 31, 2001  
Signature: [Signature]  
Full Name: Gary D. Parsons  
Residence: 5016 Redfern Circle  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

At: MIDLAND, MICHIGAN 48674 USA  
this 17th day of October 2001  
Effective as of August 31, 2001  
Signature: [Signature]  
Full Name: Stephen F. Hahn  
Residence: 4302 James Drive  
Midland, Michigan 48642  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: The Dow Chemical Company  
Of Country: United States of America

(X) Additional names and signatures are attached.















CASE NO. 44653A/ssp

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

This Assurance Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

## ASSIGNEE ACCEPTANCE

**WE, the ASSIGNEE:**

**THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated: November 6, 2001; December 18, 2001; December 3, 2001; October 12, 2001; October 25, 2001; November 26, 2001; November 15, 2001

From, the ASSIGNOR: Robert J. Donald, 5503 Winchester Court, Midland, Michigan 48642, United States of America; Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642 United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642, United States of America; Rajen M. Patel, 114 Scarlet Oak, Lake Jackson, Texas 77566, United States of America; Calvin P. Esneault, 14776 Colonel Allen Court, Baton Rouge, Louisiana 70816; United States of America; Laura M. Phipps, HCR 3 Box 338A, Rochelle, Virginia 22738, United States of America; James E. Pate, III, 933 W. Walter Road, Sanford, Michigan 48657, United States of America

of the invention entitled:

## COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 12 day of September, 2003

**THE DOW CHEMICAL COMPANY**

CORP.  
SEAL

By: Michael L. Glenn  
MICHAEL L. GLENN  
Authorized Representative

# NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA     )  
STATE OF MICHIGAN                     ) SS  
County/Parish of Midland     )

On this 12 day of September, 2003, personally appeared before me, **MICHAEL L. GLENN**, Authorized Representative, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated February 13, 2003, is based on

**an authorization Policy of the said Corporation,**

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

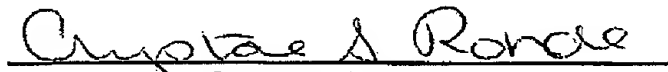
Notary Public  
*Ann Heritier*  
 Notary Public, Bay County, Michigan  
 Acting in Midland County  
 My Commission Expires December 03, 2006

DOW CASE NO. 44,653A

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USAthis 15<sup>th</sup> day of September 2003

Crystal S. Rohde  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 15<sup>th</sup> day of September 2003, personally  
appeared before me,

**Crystal S. Rohde**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

  
Notary Public

Abby Doyle  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005

C- 44,653A

Received in the U.S. Patent and Trademark Office:

Assignments

Applicant: Robert J. Donald

Serial No.: 09/943,925

Filed: August 31, 2001

Title: COMPOSITIONS COMPRISING HYDROGENATED BLOCK COPOLYMERS AND END-USE APPLICATIONS

Mailed by SSP/csr

FORM PTO-1595 Rev. 08/28/92		RECORDATION FORM COVER SHEET <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA			2. Name and address of receiving party(ies): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA		
<input type="checkbox"/> Additional name(s) of conveying party(ies) is attached.			<input type="checkbox"/> Additional name(s) & address(es) are attached.		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____ <div style="text-align: right;"><input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</div> Execution Date(s) September 12, 2003					
4. Application Number(s) or Patent Number(s):  60/184,281 February 23, 2000 09/568,688 May 11, 2000  If this document is being filed together with a new application, the execution date of the application is:  <input type="checkbox"/> Additional Application Number(s) or Patent Number(s) are attached.					
5. Name and address of party to whom correspondence concerning document should be mailed:  The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America			6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$80.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Please deduct the above fee from our Deposit Account  8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.		
DO NOT USE THIS SPACE					

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: September 15, 2003

60,009 US

*Crystal S. Rohde*  
Crystal S. Rohde  
Office Professional  
(989) 636-1954

Total number of pages including attachments: 6












DOW CASE NO. 60,009

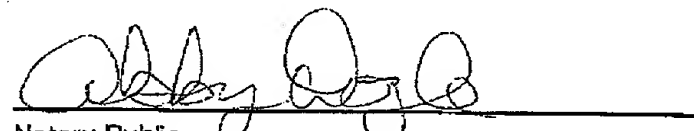
**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USA  
this 15<sup>th</sup> day of September 2003  
Crystal S. Rohde  
Office Professional  
THE DOW CHEMICAL COMPANY**NOTARIAL CERTIFICATE**UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )On this 15<sup>th</sup> day of September 2003, personally  
appeared before me,**Crystal S. Rohde**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL  
  
Notary PublicAbby Doyle  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005

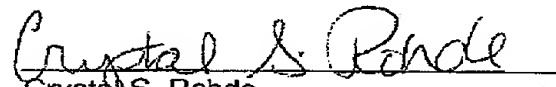
FORM PTO-1595 Rev. 08/28/92		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
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Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA		2. Name and address of receiving party(ies): DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA	
<input type="checkbox"/> Additional name(s) of conveying party(ies) is attached.		<input type="checkbox"/> Additional name(s) & address(es) are attached.	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____  <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name  Execution Date(s) September 12, 2003			
4. Application Number(s) or Patent Number(s):  60/139,073 June 11, 1999 09/568,688 May 11, 2000  If this document is being filed together with a new application, the execution date of the application is:  <input type="checkbox"/> Additional Application Number(s) or Patent Number(s) are attached.			
5. Name and address of party to whom correspondence concerning document should be mailed:  The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$80.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Please deduct the above fee from our Deposit Account  8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.	
DO NOT USE THIS SPACE			

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: September 15, 2003

60,009 US

  
Crystal S. Rohde  
Office Professional  
(989) 636-1954

Total number of pages including attachments: 6





CASE NO. 60009/ssp

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This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**  
2030 Dow Center  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: June 14, 1999; June 15, 1999

**From, the ASSIGNOR:** Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Gary D. Parsons, 5016 Redfern Circle, Midland, Michigan 48642 United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America; Mary Ann Jones, 34 Greenlawn Drive, Midland, Michigan 48640, United States of America

of the invention entitled:

## HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA  
this 12 day of September, 2003

**THE DOW CHEMICAL COMPANY**

CORP.  
SEAL

By: Michael L. Glenn  
MICHAEL L. GLENN  
Authorized Representative

**NOTARIAL CERTIFICATE (Corporation)**

UNITED STATES OF AMERICA     )  
STATE OF MICHIGAN                     ) SS  
County/Parish of Midland             )

On this 12 day of September, 2003, personally appeared before me, **MICHAEL L. GLENN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated February 13, 2003, is based on an authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

*Ann Heritier*  
Notary Public  
*Ann Heritier*  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2006




DOW CASE NO. 60,009

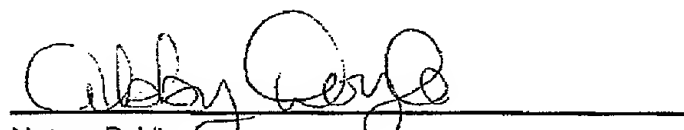
**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USA  
this 15<sup>th</sup> day of September 2003  
Crystal S. Rohde  
Office Professional  
THE DOW CHEMICAL COMPANY**NOTARIAL CERTIFICATE**UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )On this 15<sup>th</sup> day of September 2003, personally  
appeared before me,**Crystal S. Rohde**

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL  
  
Notary PublicAbby Doyle  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005

C- 60,009

Received in the U.S. Patent and Trademark Office:  
Assignment

Applicant: Jerry L. Hahnfeld

Serial No.: 09/568,688

Filed: 05/11/2000

Title: HYDROGENATED BLOCK COPOLYMERS AND OPTICAL  
MEDIA DISCS PRODUCED THEREFROM

Mailed by SSP/csr



FORM PTO-1595  
Rev. 08/28/92

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office**PATENTS ONLY**

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
THE DOW CHEMICAL COMPANY  
2030 Dow Center  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

2. Name and address of receiving party(ies):  
DOW GLOBAL TECHNOLOGIES INC.  
Washington Street  
1790 Building  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

☐ Additional name(s) of conveying party(ies) is attached.☐ Additional name(s) & address(es) are attached.

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other \_\_\_\_\_☐ Merger☐ Change of Name

Execution Date(s) September 12, 2003

4. Application Number(s) or Patent Number(s):

60/184,282 February 23, 2000

09/583,792 May 31, 2000

If this document is being filed together with a new application, the execution date of the application is:

☐ Additional Application Number(s) or Patent Number(s) are attached.

5. Name and address of party to whom correspondence concerning document should be mailed:

The Dow Chemical Company  
Intellectual Property  
P. O. Box 1967  
Midland, Michigan 48641-1967  
United States of America

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$80.00

☐ Enclosed☒ Please deduct the above fee from our Deposit Account

8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly.


DO NOT USE THIS SPACE

9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Dated: September 15, 2003

60,061 US



Crystal S. Rohde  
Office Professional  
(989) 636-1954

Total number of pages including attachments: 5

CASE NO. 60061/ssp

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

# ASSIGNMENT

(with Priority Rights)  
and

# INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

**Jerry L. Hahnfeld, 920 Scenic Drive, Midland, Michigan 48642, United States of America; Stephen F. Hahn, 4302 James Drive, Midland, Michigan 48642 United States of America**

of an invention relating to and entitled:

## HYDROGENATED BLOCK COPOLYMERS AND OPTICAL MEDIA DISCS PRODUCED THEREFROM

We do hereby declare, for good and valuable consideration  
assign, and transfer unto:

received, sell,

**WE, the ASSIGNEE:** **DOW GLOBAL TECHNOLOGIES INC.**  
**Washington Street**  
**1790 Building**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 60/184,282 and Filing Date February 23, 2000  
in United States of America

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the  
Corresponding Application No. 09/583,792 and Filing Date May 31, 2000  
in the United States of America

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at Midland, Michigan 48674, USA

this 13 day of September 2003

CORP.  
SEAL

**THE DOW CHEMICAL COMPANY**

By: Michael L. Glenn  
MICHAEL L. GLENN  
Authorized Representative

**Attach Notarial Certificate (Corporation)**

CASE NO. 60061/ssp

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

**This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.**

FORM 550

**NOTARIAL CERTIFICATE (Corporation)**

UNITED STATES OF AMERICA     )  
STATE OF MICHIGAN            ) SS  
County/Parish of Midland     )

On this 12 day of September, 2003, personally appeared before me, **MICHAEL L. GLENN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.

**I further certify that said authority, dated February 13, 2003, is based on**

**A Resolution of the Board of Directors of the said Corporation,**

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heiter

**Notary Public**

*Ann Heritier*  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2006



DOW CASE NO. 60,061

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

at Midland, Michigan 48674, USAthis 15<sup>th</sup> day of September 2003

Crystal S. Rohde  
Office Professional  
THE DOW CHEMICAL COMPANY

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

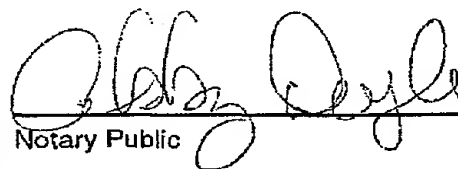
On this 15<sup>th</sup> day of September 2003, personally  
appeared before me,

Crystal S. Rohde

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL  


RECEIVED  
CENTRAL FAX CENTER  
SEP 16 2003



Notary Public

Abby Doyle  
Notary Public, Saginaw County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires September 27, 2005

**OFFICIAL**

C- 60,061

Received in the U.S. Patent and Trademark Office:

Assignment

Applicant: Jerry L. Hahnfeld

Serial No.: 09/583,792

Filed: May 31, 2000

Title: HYDROGENATED BLOCK COPOLYMERS AND OPTICAL  
MEDIA DISCS PRODUCED THEREFROM

Mailed by SSP/csr